

Applicant: Jorma Haag et al.
Application No.: 10/517,718
Response to Office action dated May 24, 2007
Response filed August 22, 2007

In the Specification

Please insert the following new paragraph after ¶ [0021]:

[0021a] Fig. 4 is a schematic view showing a plurality of relief cylinder structures for guiding rolls in a multinip calender.

Please amend ¶ [0005] to read as follows:

[0005] The calender may also contain several nips successively in the travel direction of the web W. The soft-calender may be composed of two successive pairs of a hard roll and a soft roll. Multinip calenders comprise several rolls successively, for example on top of each other, and in them the number of rolls is larger than in soft-calenders, typically 6 to 12. In multinip calenders the web W travels through nips formed between successive rolls. Some of the rolls are soft-faced polymer rolls.

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Please amend ¶ [0030] to read as follows:

[0030] It is advantageous to implement the adjustment of the volume of the quick-opening cylinder 6 in the manner shown in Figs 2 and 3 by changing the length of the auxiliary piston 7, because the frame 2 of the relief cylinder 1 and the arm 3 are thus similar, irrespective of the volume of the quick-opening cylinder. This is especially advantageous when several different rolls are guided in a multinip calender 20 according to the invention, because it is possible to determine individual quick-opening dimensions for the rolls 22 on the basis of the dimensions of the auxiliary pistons 7, and still similar frame parts 2 and arm parts 3 of the relief cylinder are used in each roll, wherein maintenance can be arranged very economically.